

Amendments to the Claims

Please amend the claims as follows:

Claims 1-32 (canceled).

33. **(previously amended)** A method of fabricating a plurality of individual chips for conducting chemical reactions, said method comprising:

- (a) preparing a plurality of said chips on a single silicon substrate, wherein each of said chips has a matrix of electronically addressable sites, each site for electronically carrying out a chemical reaction, and
- (b) severing said single silicon substrate into said individual chips.

34. **(previously amended)** A method of fabricating a plurality of individual chips for conducting a part of a synthesis of oligonucleotides, said method comprising:

- (a) preparing a plurality of said chips on a single silicon substrate, wherein each of said chips has a matrix of electronically addressable sites, each site for electronically carrying out a part of a synthesis of oligonucleotides, and
- (b) severing said single silicon substrate into said individual chips.

35. **(currently amended)** A method of fabricating a plurality of individual chips for conducting a synthesis of oligonucleotides to form oligonucleotide arrays, said method comprising:

- (a) preparing a plurality of said chips on a single silicon substrate, wherein each of said chips has a matrix of electronically addressable sites, each site for electronically carrying out a synthesis of an oligonucleotide of said oligonucleotides to form oligonucleotide arrays, and
- (b) severing said single silicon substrate into said individual chips.